H.264 High Definition DVR

Quick Guide

HD Models: HD-0405M, HD-0810M, HD-1620S

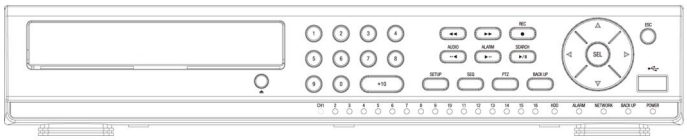
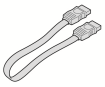
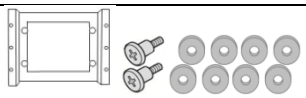
Analog Models: N-0441U, N-0440MH, N-0840MH, N-1640MH

[N-0441U]

[HD-0405M, HD-0810M, N-0440MH, N-0840MH, N-1640MH]

[HD-1620S]

PRODUCT COMPONENTS

DVR Set	
Client CD & Quick Guide	/
Remote Control, Battery, Mouse	/ /
SATA Data Cable	
HDD Mounting Bracket & Screw	[HD-0405M, HD-0810M]  [HD-1620S]
Power Cable (110V) & Adaptor	[HD-0410M, HD-0810M] [HD-1620S]

INITIAL SYSTEM BOOTUP PREPARATION

Turning on the DVR

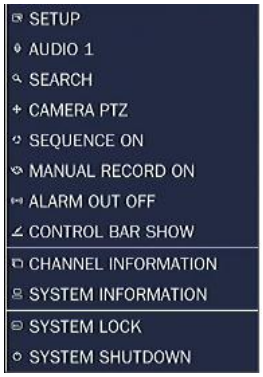
- Connect the camera BNC cables.
- Connect a network cable and a monitor cable.
- Plug the USB mouse to the USB port on the DVR.
- Connect a Microphone and a Speaker if applicable.
- Connect the power cable to the DVR from an 110V wall outlet.
- Select the preferred language and enter correct date and time after initialization.
- Adjust the video output resolution to your optimal resolution setting of your monitor.
- Video output resolution can be changed from SETUP→DISPLAY→VIDEO OUTPUT.
- Default video output resolution is set at 1280x720.

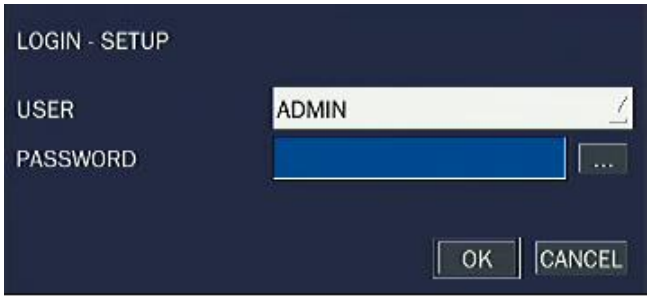
MAIN MENU

Login Information

Default Username: admin **Default Password: 1111**

- To enter the main menu, right click on the mouse and select setup from the submenu or press the setup button on the remote control.





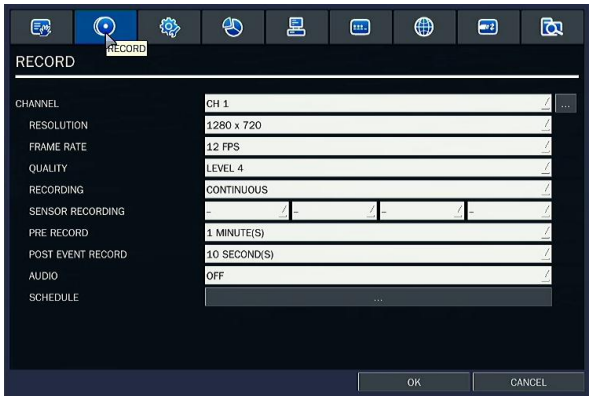
- Enter the username and password.
- It is strongly recommended to change the password to prevent unauthorized access.

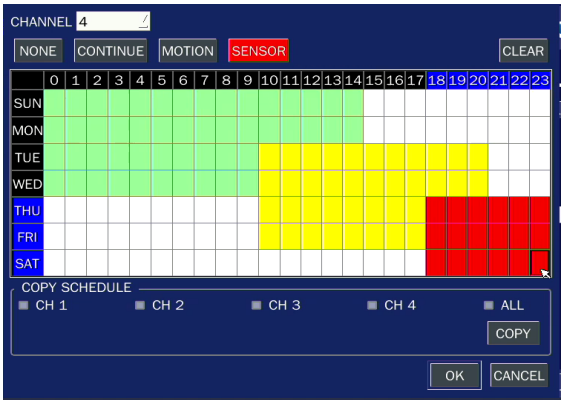
Menu	Description
SETUP	Select this menu option to go to a setup menu.
AUDIO	Select this menu option to set an audio reception channel.
SEARCH	Select this menu option to enter the search mode.
CAMERA PTZ	Select this menu option to open PTZ control OSD menu.
SEQUENCE	Select this menu option to enable/disable channel sequence.
MANUAL RECORD	Select this menu option to enable/disable Manual Recording. ***MANUAL RECORD will override any recording setting and record CONTINUOUSLY.**
ALARM OUT	Select this menu option to enable/disable alarm function.
CONTROL BAR	Select this menu option to hide/display the Menu Control bar.
CHANNEL INFORMATION	Select this menu option to display channel related information.
SYSTEM INFORMATION	Select this menu option to display DVR information.
SYSTEM LOCK	Select this menu option to lock/unlock the DVR control inputs.
SYSTEM SHUTDOWN	Select this menu option to safely shut down the DVR.

RECORDING MODE SETUP

All DVR models are preconfigured to record CONTINUOUSLY.

- To setup a different recording schedule, select SCHEDULE in the RECORD menu. Navigate through the items using the mouse or the remote control.

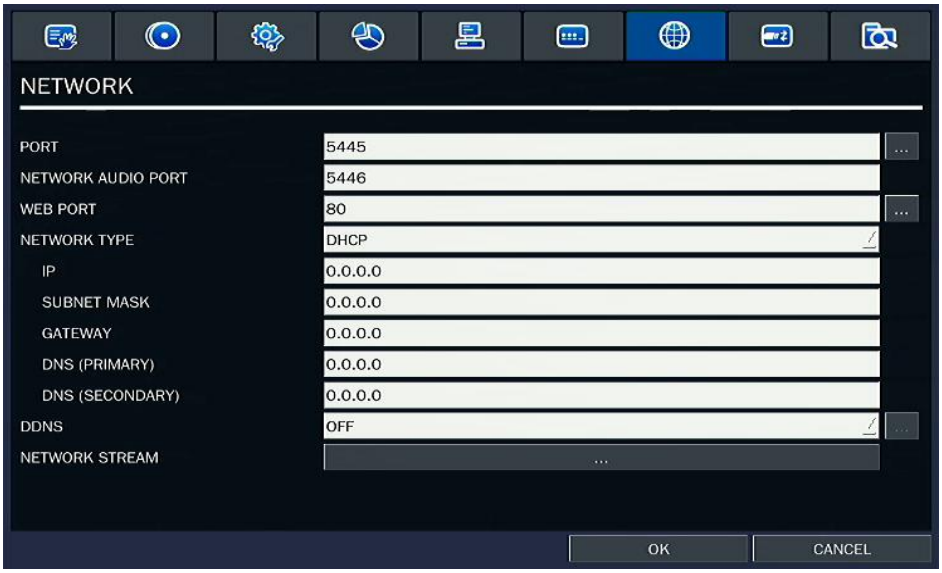




- Select CHANNEL → Select CONTINUOUS, MOTION, or SENSOR →Select desired Date & Time.
- To copy a schedule to a different channel, select the channel from the COPY menu.

NETWORK SETUP

Network IP address must be configured on the DVR before remote connection.



- To setup an IP address, select DHCP or STATIC on NETWORK TYPE in the NETWORK menu.
- If **DHCP** is selected, the DVR will automatically retrieve an IP information from a router. ***DHCP must be enabled from a router.**
- If **STATIC** is selected, all IP information (IP, SUBNET MASK, GATEWAY, DNS addresses) must be manually configured.

NETWORK SETUP (Continued)

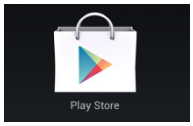
- Free DDNS service for Dynamic IP users is provided. Please follow the instruction if your public IP address is a dynamic IP.
  - Select **SERVER1** from DDNS.
  - Select **ddnscenter.com** from DDNS SERVER NAME.
  - Select desired time interval from DDNS INTERVAL.
  - Go to **www.ddnscenter.com** from a PC.
  - Enter **MAC address** and **Serial number** from the DVR.
  - Create a preferred **Domain Name** and click on **Duplication Check** button.
  - **Special characters and spaces cannot be included in Domain Name.**
  - Confirm a desired Domain Name is available and click on the Register button.
    - e.g.) **yourowndomainname**.ddnscenter.com*

Instruction for the DVR installed under firewall / gateway / router / modem-router combo LAN.

- If your DVR is on LAN (using private IP address), **PORT** 5445 (Default Port) and **WEB PORT** 80 (Default Web Port) must be open and forwarded to the IP address of the DVR.
- Please refer to the firewall / gateway / router user manual or consult with your IT personnel.

NETWORK ACCESS via MOBILE PHONE

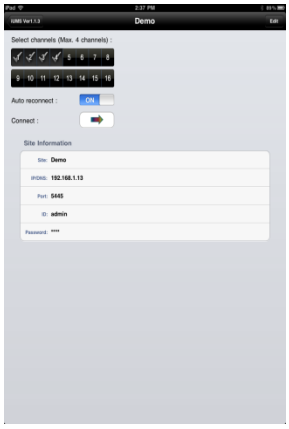
Free iPhone / iPad and Android OS Phones application is provided.

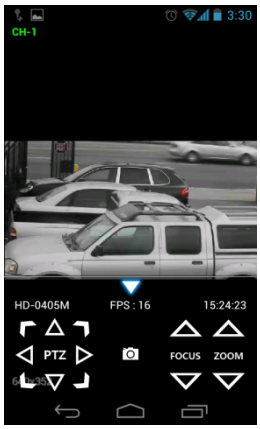


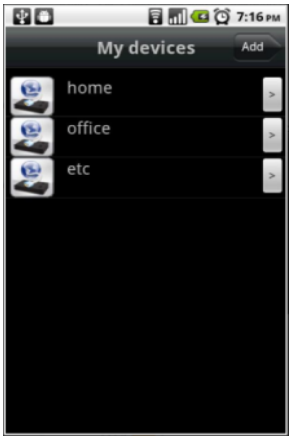
- Go to the iPhone App Store / Google Play Store.
- Search for “iUMS” and install the application on your phone.

- **Apple iPhone / iPad:** Tap icon for SITE ADDITION. In the SITE INFORMATION, enter the following information; SITE, IP/DNS, PORT, ID, PASSWORD. Tap SAVE to save the SITE.
- **Android Phone:** Tap

icon for SITE ADDITION. In the SITE INFORMATION, enter the following information; SITE, IP/URL, PORT, ID, PASSWORD. Tap ADD to save the SITE.

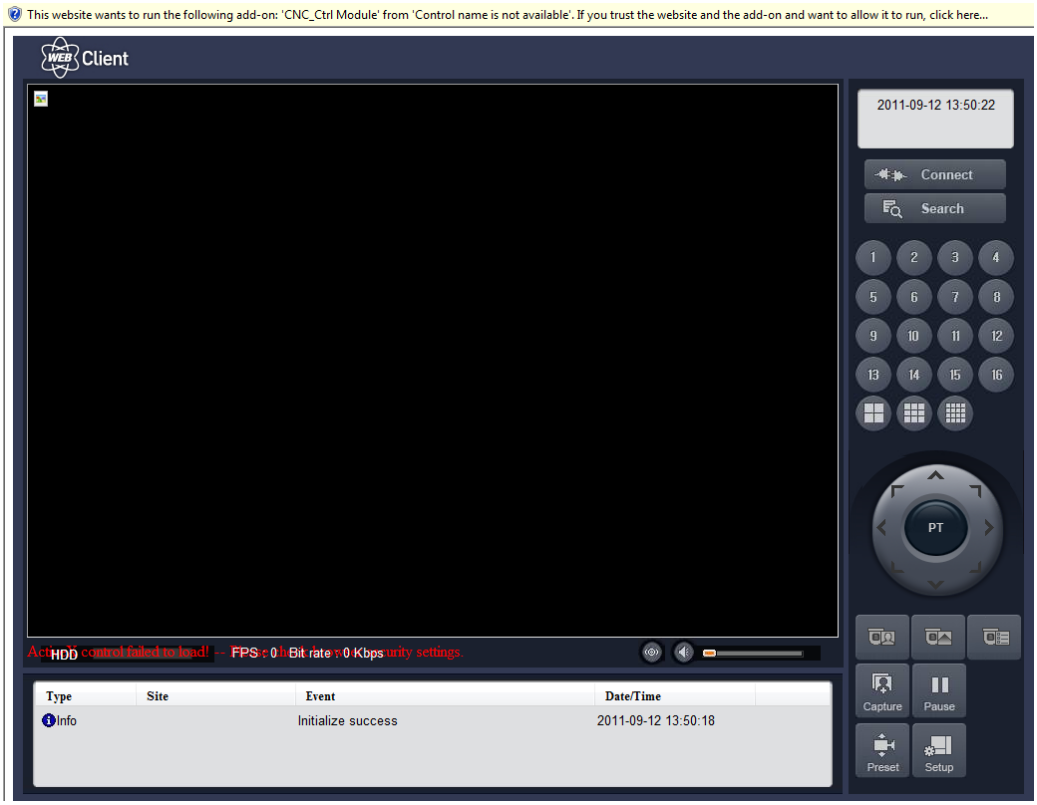




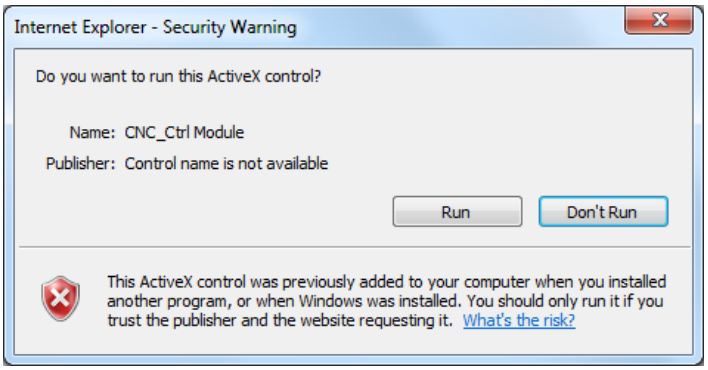


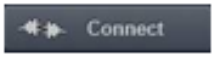
NETWORK ACCESS via WEB BROWSER

- Web browser connection uses WEB PORT (Default 80). Please make sure to open and forward the WEB PORT to the IP address of the DVR.
- Make sure **'Popup'** is enabled from Internet Explorer.
- Open Internet Explorer and enter the IP address or the domain name of the DVR to open the Web Client.



- Install the ActiveX when prompted.


Internet Explorer - Security Warning
Do you want to run this ActiveX control?
Name: CNC_Ctrl Module
Publisher: Control name is not available
Run
Don't Run
This ActiveX control was previously added to your computer when you installed another program, or when Windows was installed. You should only run it if you trust the publisher and the website requesting it.
What's the risk?

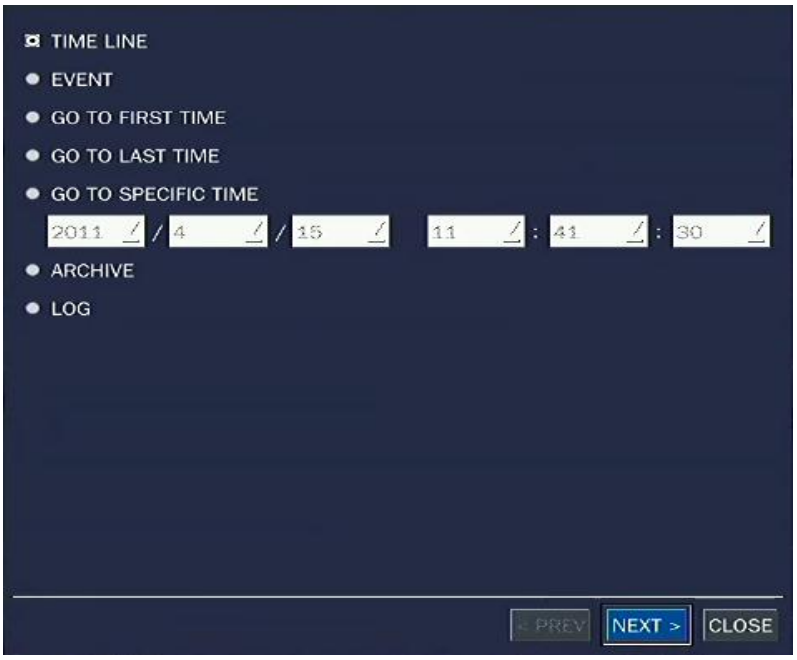
- Ensure the message **'Initialize Success'** appears on the bottom information bar.
- Click on the 

button to open Login window.
- Enter the DVR Port, DVR ID, and the DVR Password.
- Click on the Connect button.
- Click on the

button to switch to the playback mode.

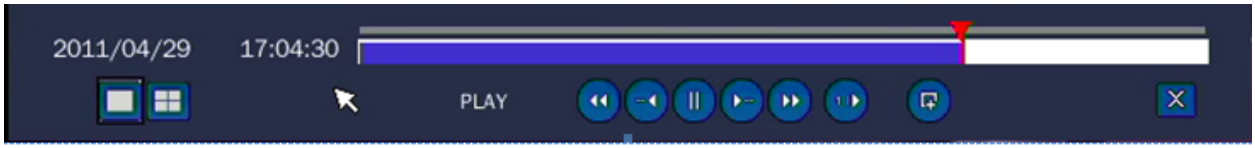
How to make a backup

- Insert a USB flash drive in the USB port on the DVR.
- Right click on the main screen and click on the SEARCH to open the SEARCH menu.

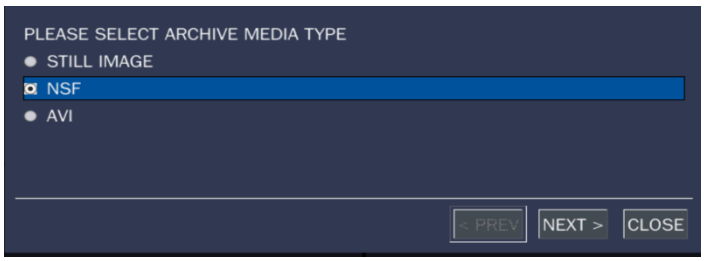


- Click on 'GO TO SPECIFIC TIME' and enter the specific date and time.

- Move the mouse pointer to the bottom of the screen and the following SEARCH bar will appear.



- Click on the BACKUP button to open the BACKUP window.



- Select STILL IMAGE, NSF, or AVI format.
- Select USB STICK for a BACKUP less than an hour, or select USE HDD for a BACKUP for more than an hour.
- Select the specific channel number.
- Enter the specific BACKUP duration.

Information

Design, function, and specifications are subject to change without notice.

iPhone® and iPad® are registered trademarks of Apple Inc.

Android™ is a trademark of Google Inc.

***Special characters and spaces cannot be included in the Domain Name.**

***Google Chrome, Opera, Mozilla Firefox, and Safari is not compatible.**

DVR Network Information Table	
DVR IP	
DVR Subnet Mask	
DVR Gateway	
DVR DNS (Primary)	
DVR DNS (Secondary)	
Network Port	
Web Port	
Domain Name (if applicable)	.ddnscenter.com
Public IP (if applicable)	